

12/3/2014 FDEP Beach Monitoring Report

Survey Area: Escambia County segments FLES2-002, FLES2-003, FLES2-004 and FLES1-035 (Ft. Pickens)

Team Members:

David Perkinson - FDEP

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Survey Conditions:

During today's survey the skies were sunny, winds were NE @ 10 knots, and the seas in the Gulf were 2-3 feet. The tide was low and rising, with low tide (-0.16 ft.) at 05:53 AM this morning and high tide (1.34 ft.) at 08:12 PM tonight.



Conditions at FLES2-004

Survey Summary:

Today FDEP personnel conducted a post-response monitoring survey in Escambia County, segments FLES2-002, FLES2-003, FLES2-004 and FLES1-035. The conditions in the Gulf of Mexico were ideal for survey of the intertidal and supra-tidal zones. The survey was conducted to verify the presence of BP MC-252 oil and not to mitigate all observed oil.

For this morning's survey, FDEP personnel surveyed four segments near Ft. Pickens. Water visibility was poor due to wave action. In all four segments today, there were numerous SRBs throughout the ITZ and the STZ. In all four segments, roughly 50 percent of the visible material was able to be mitigated by FDEP personnel due to rough waves making collection very difficult in the swash zone.

There were 148 SRBs and 1.08 lbs. of BP MC-252 material removed from the beach today by FDEP personnel. A NRC report was filed for documentation.

MC-252 Oil Observed

Segment ID	SRBs	SRB Size (cm)	SRB Weight (lb.)	NRC Report #	NRC Follow-up
FLES2-002	42	1.00 - 4.00	0.26	1102510	TBD
FLES2-003	20	1.00 - 3.00	0.23	1102510	TBD
FLES2-004	29	1.00 - 5.00	0.42	1102510	TBD
FLES1-035	57	1.00 - 6.00	0.17	1102510	TBD

Monitoring Photos:



SRBs mitigated from all four segments

Recommendations:

FLES2-002, FLES2-003, FLES2-004 and FLES1-035: Segments have been signed out of the response but continue to yield BP MC-252 material. Recommend further periodic monitoring when weather conditions are favorable for product recovery.

ACRONYMS

- ES - Entire Segment
- EZ - Entire Zone
- FLES - Florida Escambia County
- FLGU - Florida Gulf County
- FOSC- Federal on Scene Coordinator
- HBR- Hard Black Rubbery Tar Ball
- LITZ- Lower Intertidal Zone
- LTZ- Lower Tidal Zone
- MTZ - Middle Tidal Zone
- NRC- National Response Center
- NPS - National Park Service
- SRB - Surface Residue Ball
- SRP - Surface Residue Patty
- UITZ- Upper Intertidal Zone
- USTZ - Upper Supra Tidal Zone
- FLBA - Florida Bay County
- FLOK - Florida Okaloosa County
- FLWA - Florida Walton County
- GUIS - Gulf Islands National Seashore
- ITZ- Intertidal Zone
- LSTZ - Lower Supra Tidal Zone
- MIT - Mitigated
- NAS - Naval Air Station
- NOO - No Observable Oil
- STZ - Supra Tidal Zone
- USCG- United States Coast Guard
- UTZ - Upper Tidal Zone
- USTZ - Upper Supra Tidal Zone